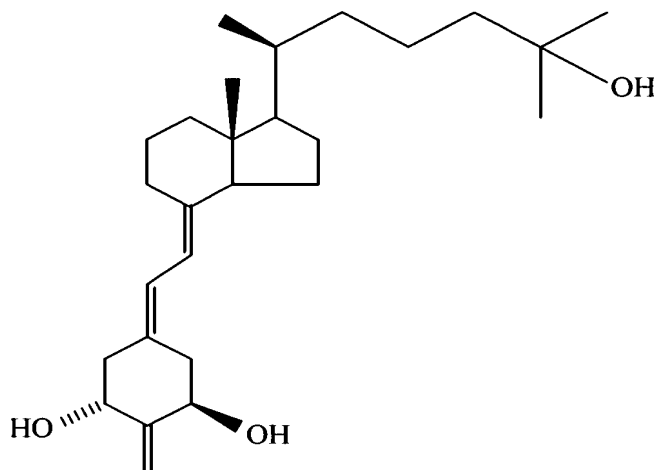


### Listing of Claims:

1. - 14. (Cancelled)

15. (Original) A method for prophylaxis of osteoporosis comprising administering to a subject an effective amount of 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> having the formula:



16. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered orally.

17. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered parenterally.

18. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered transdermally.

19. (Original) The method of claim 15 wherein said osteoporosis is low bone turnover osteoporosis.

20. (Original) The method of claim 15 wherein said osteoporosis is steroid induced osteoporosis.

21. (Original) The method of claim 15 wherein said osteoporosis is senile osteoporosis.

22. (Original) The method of claim 15 wherein said osteoporosis is postmenopausal osteoporosis.

23. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered to a human in a dosage of from about 0.01  $\mu$ g to about 100  $\mu$ g per day.

24. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered to a human in a dosage of from about 0.1  $\mu$ g to about 10  $\mu$ g per day.

25. (Original) The method of claim 15 wherein 2-methylene-19-nor-20(S)-1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> is administered to an animal in a dosage of from about 0.0001  $\mu$ g to about 700  $\mu$ g per day.

26.-67. (Cancelled)